Customer No. 24498
 PATENT

 Serial No.: 10/517134
 PU020267

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : JUNBIAO ZHANG

Serial No. : 10/517,134 Filed : May 27, 2003

For : BROKER-BASED INTERWORKING USING

HIERARCHICAL CERTIFICATES

Art Group : 2436

Examiner : Chinwendu C. Okoronkwo

## INFORMATION DISCLOSURE STATEMENT

[ ] 1 Pursuant to 37 CFR 1.97(b)
[within 3 months of filing or prior to 1st Office Action]

[ X] 2 Pursuant to 37 CFR 1.97(c)
[before Final Office Action or Allowance]

[ ] 3 Pursuant to 37 CFR 1.97(d)

[after Final Office Action or Allowance, but prior to payment of Issue Fee1]

Mail Stop: Amendent Hon. Commissioner for Patents

P. O. Box 1450

Alexandria, Virginia 22313-1450

Sir:

[17

The following are submitted in the above-identified application in compliance with 37 CFR 1.97 & 1.98:

[X] 4 A list of documents on form PTO/SB/08a and/or PTO/SB/08b together with copies of each identified document and a translation or a concise explanation of each non-English language document is enclosed herewith.

This paper is submitted in accordance with:

37 CFR 1.97(d):

[ ] 5 37 CFR 1.97(b): [within 3 months of filing or prior to 1st Office Action]

[X] 6 37 CFR 1.97(c): [before Final Office Action or Allowance, whichever is earlier]; and

[X] (a) The required certification made in item 8(a) below; OR

[ ] (b) The \$180.00 fee specified in 37 CFR 1.17(p) for submission

of this Information Disclosure Statement is authorized in item 9 below.

fafter Final Office Action or Allowance, but prior to payment of

Issue Fee]; and
[ ] (a) The required Certification made in item 8(a) below; AND

[ ] (b) The \$180.00 fee specified in 37 CFR 1.17(p) for submission of this

Information Disclosure Statement is authorized in item 9 below.

Customer No. 24498 PATENT Serial No.: 10/517,134 PU020267

## [X] 8 Certification

- [X] (a) Each item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months orifor to the filing of this Statement; or
- [] (b) No item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this document after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than three (3) months prior to the filing of this Statement.
- [] 9 Please charge the applicable fees associated with the submittal of this Information Disclosure Statement to Deposit Account No. <u>07-0832</u>. An original and one (1) copy of this document is enclosed.

Respectfully submitted, JUNBIAO ZHANG

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